diesel power

Consolidated Index for 1954

January

Editorial

On Working Willing Horses ... 35

Special Features

Diesel Engine Prospects for 1954 ... 38
Buyers' Guide ... 53

Articles

Luxury with Foresight ... 43
PFI's Bovill Maintenance Center ... 44
Fully Turbocharged 2-Cycle Gas Engine Compressor ... 46
EMD's Rebuilding Program ... 48
Diesels South of the Border ... 50
A Look at Turbocharging ... 80
Micrometer-Accurate Valve Settings ... 88

February

Editorial

Extending the Kit Idea ... 23

Special Features

Pipelining Across the Canadian Rockies ... 26

Articles

Cathodic Protection of Storage Tanks ... 30
Worthington's Automatic Fuel Switcher ... 33
Get and Protect the Horsepower You Buy ... 34
Increasing Locomotive Air Filter Efficiency ... 37
Supercharging to Improve Performance ... 42
Allison's Torqmatic Brake ... 45
F-M Model 32 Dual-Fuel Conversion ... 46
Electrical Equipment Maintenance ... 48

March

Editorial

Goodby " and Transportation" ... 25

Special Feature

Punching Holes in the Iron Curtain ... 28

Articles

RDC's Go Places ... 34
Alco's Power Packages ... 39
Nickel-Cadmium Batteries in the Spotlight ... 40
Kansas Plant Halves Fuel Costs ... 44
Ingersoll-Rand Develops New Unit ... 47
Turbocharging Small 4-Cycle Diesels ... 48
The Bukh Engine ... 51
Reclaim Those Camshafts ... 52

April

Editorial

Conservation or Conversation? ... 65

Special Feature

1954 Diesel Engine Specifications ... 85

Articles

A "First" for Fredonia ... 68
Turbocharging the Two-Cycle Gas Engine ... 70
Improved D-8 Marks "Cat's" 50th Year ... 73
Oil Filtration and Purification ... 74
More Power for P&H Engines ... 81
Transportable Power ... 82
World's Largest Engine ... 101
Versatile Calibrating Stand ... 102
Control Wheel Slip to Reduce Flashovers ... 104
Series "71" Injector Changes ... 108
Bobbers for Force-Feed Lubricator Calibration ... 110

May

Editorial

Trouble Isn't All Bad ... 23

Special Feature

Vehicle Exhaust Noise—An Industry Problem ... 34

Articles

Diesel Power for Copper Refining ... 26
50 Years of the Crawler Tractor ... 30
White's Short Payload Tractor ... 33
Air Conditioning Santa Fe's New Dome Cars ... 40
Inertia Starter ... 43
How Fram's Separator-Filter Works ... 44
Thread Repairs Save You Money ... 46

June

Editorial

Boiinnnggg ... 25

Special Feature

Notes on Electric Ignition for High-Compression Engines ... 28

Articles

International Harvester "Roundup" ... 36
Multi-Purpose Locomotive ... 38
Diesels and Maintenance Pay Off ... 40
Piston Rings for Pipeline Engines ... 46
O's and A's on Porus-Krome and Vanderloy ... 49
Madison Hill Dieselizes ... 53
Conditioning Scavenging Air ... 54
Engineer Corps Gets 961 Generator Sets ... 86

Consolidated Index for 1954

July

Editorial

Don't Be a Sucker! 43

Special Feature

Buyers' Guide 61

Articles

Coya Sur, Chile 46
GM's 6-110 Engine Modified 52
Reviewing Some Air Filtration Principles for Locomotives 53
Plane Builder Protects Against Power Loss 56
Morco Reconditions a Crankshaft 57
About That Engine Air 87
Eaton's Magnetic Clutch 90
Potter's "Lightweight" 93
Reclaiming Aluminum Pistons 94
Engine Valve Difficulties with Bunker C Fuel 96

August

Editorial

Changing Patterns in Fuel Injection 23

Special Feature

Tomorrow's Diesel Fuels 26

Articles

Purifying Pipeline Crudes for Engine Use 35
Now, TALGO's on U. S. Railroads 38
Cummins "PT" Fuel Injection System 42
Power and Profits at Westbrook, Minnesota 46
De-Fuming Diesels 50
Fluorochemicals—A Remedy for that Cloudy Sight Glass 53

September

Editorial

Shotgun or Rifle 31

Special Feature

Fuels and Higher Ratings Influence Plant Design 46

Articles

Diesel Repairs on the Pennsy 34
Oskaloosa Plans for Power 38
Gas Turbines in the News 40
Refrigeration—An Expanding Market for Diesels 42
Schwitzer-Cummins Turbocharger 45
Texas-Size Jeep 52
Beating a Heating Problem 54
Pushbutton Starting for D-4's 56
Controlled Preparation of Residual Fuels 58

October

Editorial

Maintenance as a Philosophy 35

Articles

PIE's Cleaning Program 38
Talking About Governors 41
Improving Air Cleaner Efficiency 44
Detecting Fuel Leaks With Black Light 48
Chroming Crankshafts 50
Special Tooling on the Reading 54
GM "71" Cylinder Assembly Has New Look 58
Torque Your Bearings 61
Valve Maintenance 62
Load Indication By Thermometer 66

November

Editorial

Putting Bunker Fuels in Perspective 27

Special Feature

Bus Operation Costs Cut By Good Maintenance 34

Articles

Electro-Mobile Power 30
Four Years in a Zinc Mine 39
Twin-Engined Crawler 40
Wolverine Pipeline Sets New Efficiency Standards 42
Automatic Protection for Irrigation Engines 45
Waukesha's 1100-Hp Engine 46
Cleaning Diesel Locomotive Electrical Parts 50
Proper Techniques Avoid Liner Troubles 55

December

Editorial

A Fable for Today 23

Special Feature

I-H Engine Tune-Up 45
Another of a series on tune-up procedure for high-speed diesels

Articles

Decatur Plans for Economy 26
Aluminum Coating on Steel Cuts Corrosion 29
ACL's Fire Prevention-Protection Program 32
Diesel Beats Hazel 35
Servicing Hydraulic Valve Lifters 36
Multiple-Effect Unit Treats Water 42